
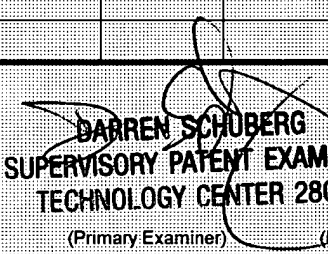



|                                                                                                                 |                    |                  |  |
|-----------------------------------------------------------------------------------------------------------------|--------------------|------------------|--|
| <b>Issu Classification</b><br> | Application No.    | Applicant(s)     |  |
|                                                                                                                 | 09/804,519         | HARAGUCHI ET AL. |  |
|                                                                                                                 | Examiner           | Art Unit         |  |
|                                                                                                                 | Anthony Q. Edwards | 2835             |  |

| ISSUE CLASSIFICATION                                                                                                             |   |          |   |      |                                                                                                                                                                                                                 |                                   |  |  |  |                         |                    |
|----------------------------------------------------------------------------------------------------------------------------------|---|----------|---|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--|--|--|-------------------------|--------------------|
| ORIGINAL                                                                                                                         |   |          |   |      | CROSS REFERENCE(S)                                                                                                                                                                                              |                                   |  |  |  |                         |                    |
| CLASS                                                                                                                            |   | SUBCLASS |   |      | CLASS                                                                                                                                                                                                           | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |                         |                    |
| 361                                                                                                                              |   | 681      |   |      | 361                                                                                                                                                                                                             | 683                               |  |  |  |                         |                    |
| INTERNATIONAL CLASSIFICATION                                                                                                     |   |          |   |      | 455                                                                                                                                                                                                             | 426.1                             |  |  |  |                         |                    |
| G                                                                                                                                | 0 | 6        | F | 1/16 | 345                                                                                                                                                                                                             | 156                               |  |  |  |                         |                    |
|                                                                                                                                  |   |          |   | /    |                                                                                                                                                                                                                 |                                   |  |  |  |                         |                    |
|                                                                                                                                  |   |          |   | /    |                                                                                                                                                                                                                 |                                   |  |  |  |                         |                    |
|                                                                                                                                  |   |          |   | /    |                                                                                                                                                                                                                 |                                   |  |  |  |                         |                    |
|                                                                                                                                  |   |          |   | /    |                                                                                                                                                                                                                 |                                   |  |  |  |                         |                    |
| Anthony Q. Edwards 6/15/04<br>(Assistant Examiner) (Date)                                                                        |   |          |   |      | <br><b>DARREN SCHÖBERG</b><br><b>SUPERVISORY PATENT EXAMINER</b><br><b>TECHNOLOGY CENTER 2800</b><br>(Primary Examiner) (Date) |                                   |  |  |  | Total Claims Allowed: 6 |                    |
|  6-28-04<br>(Legal Instruments Examiner) (Date) |   |          |   |      |                                                                                                                                                                                                                 |                                   |  |  |  | O.G.<br>Print Claim(s)  | O.G.<br>Print Fig. |
|                                                                                                                                  |   |          |   |      |                                                                                                                                                                                                                 |                                   |  |  |  | 1                       | 6                  |

|                                                                                        |          |  |       |          |  |       |          |  |       |                              |  |       |          |  |       |          |  |       |          |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------|----------|--|-------|----------|--|-------|----------|--|-------|------------------------------|--|-------|----------|--|-------|----------|--|-------|----------|-------------------------------|-------|----------|--|-------|----------|--|-------|----------|--|---------------------------------|--|--|--|--|--|--|--|--|--|
| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |  |       |          |  |       |          |  |       | <input type="checkbox"/> CPA |  |       |          |  |       |          |  |       |          | <input type="checkbox"/> T.D. |       |          |  |       |          |  |       |          |  | <input type="checkbox"/> R.1.47 |  |  |  |  |  |  |  |  |  |
| Final                                                                                  | Original |  | Final | Original |  | Final | Original |  | Final | Original                     |  | Final | Original |  | Final | Original |  | Final | Original |                               | Final | Original |  | Final | Original |  | Final | Original |  |                                 |  |  |  |  |  |  |  |  |  |
| 1                                                                                      | 1        |  |       | 31       |  |       | 61       |  |       | 91                           |  |       | 121      |  |       | 151      |  |       | 181      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 2        |  |       | 32       |  |       | 62       |  |       | 92                           |  |       | 122      |  |       | 152      |  |       | 182      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 3        |  |       | 33       |  |       | 63       |  |       | 93                           |  |       | 123      |  |       | 153      |  |       | 183      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 4        |  |       | 34       |  |       | 64       |  |       | 94                           |  |       | 124      |  |       | 154      |  |       | 184      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
| 2                                                                                      | 5        |  |       | 35       |  |       | 65       |  |       | 95                           |  |       | 125      |  |       | 155      |  |       | 185      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 6        |  |       | 36       |  |       | 66       |  |       | 96                           |  |       | 126      |  |       | 156      |  |       | 186      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 7        |  |       | 37       |  |       | 67       |  |       | 97                           |  |       | 127      |  |       | 157      |  |       | 187      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
| 3                                                                                      | 8        |  |       | 38       |  |       | 68       |  |       | 98                           |  |       | 128      |  |       | 158      |  |       | 188      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
| 4                                                                                      | 9        |  |       | 39       |  |       | 69       |  |       | 99                           |  |       | 129      |  |       | 159      |  |       | 189      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
| 5                                                                                      | 10       |  |       | 40       |  |       | 70       |  |       | 100                          |  |       | 130      |  |       | 160      |  |       | 190      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 11       |  |       | 41       |  |       | 71       |  |       | 101                          |  |       | 131      |  |       | 161      |  |       | 191      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
| 6                                                                                      | 12       |  |       | 42       |  |       | 72       |  |       | 102                          |  |       | 132      |  |       | 162      |  |       | 192      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 13       |  |       | 43       |  |       | 73       |  |       | 103                          |  |       | 133      |  |       | 163      |  |       | 193      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 14       |  |       | 44       |  |       | 74       |  |       | 104                          |  |       | 134      |  |       | 164      |  |       | 194      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 15       |  |       | 45       |  |       | 75       |  |       | 105                          |  |       | 135      |  |       | 165      |  |       | 195      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 16       |  |       | 46       |  |       | 76       |  |       | 106                          |  |       | 136      |  |       | 166      |  |       | 196      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 17       |  |       | 47       |  |       | 77       |  |       | 107                          |  |       | 137      |  |       | 167      |  |       | 197      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 18       |  |       | 48       |  |       | 78       |  |       | 108                          |  |       | 138      |  |       | 168      |  |       | 198      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 19       |  |       | 49       |  |       | 79       |  |       | 109                          |  |       | 139      |  |       | 169      |  |       | 199      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 20       |  |       | 50       |  |       | 80       |  |       | 110                          |  |       | 140      |  |       | 170      |  |       | 200      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 21       |  |       | 51       |  |       | 81       |  |       | 111                          |  |       | 141      |  |       | 171      |  |       | 201      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 22       |  |       | 52       |  |       | 82       |  |       | 112                          |  |       | 142      |  |       | 172      |  |       | 202      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 23       |  |       | 53       |  |       | 83       |  |       | 113                          |  |       | 143      |  |       | 173      |  |       | 203      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 24       |  |       | 54       |  |       | 84       |  |       | 114                          |  |       | 144      |  |       | 174      |  |       | 204      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 25       |  |       | 55       |  |       | 85       |  |       | 115                          |  |       | 145      |  |       | 175      |  |       | 205      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 26       |  |       | 56       |  |       | 86       |  |       | 116                          |  |       | 146      |  |       | 176      |  |       | 206      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 27       |  |       | 57       |  |       | 87       |  |       | 117                          |  |       | 147      |  |       | 177      |  |       | 207      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 28       |  |       | 58       |  |       | 88       |  |       | 118                          |  |       | 148      |  |       | 178      |  |       | 208      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 29       |  |       | 59       |  |       | 89       |  |       | 119                          |  |       | 149      |  |       | 179      |  |       | 209      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 30       |  |       | 60       |  |       | 90       |  |       | 120                          |  |       | 150      |  |       | 180      |  |       | 210      |                               |       |          |  |       |          |  |       |          |  |                                 |  |  |  |  |  |  |  |  |  |